

Prach.
1. Analyzing +
Methodologies

DCI/IC 74-0139
4 February 1974

MEMORANDUM FOR: General Graham

SUBJECT: Developing New Analytic Methodologies

Danny,

1. Jack's paper on the subject of developing new analytic methodologies is a thoughtful piece and should serve to generate a constructive dialogue with those most concerned (say, the group Colby assembled earlier). I do not feel it is too big a jump for some internal symposium particularly if one can, as Jack suggests, "organize candidate methodologies and candidate problems" on which to hook discussion. The inventory of ignorance is always the first step simply to see where we are in using the ranges of methods available. I'd be inclined, however, to ask [redacted] to do a simple survey of the business and social research journals and identify a range of analyses having application to intelligence analysis. The periodicals are filled with applications on resource distribution. [redacted]

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[redacted] All one needs is a little imagination applied, using resources at hand as a start. The interaction models reflected in the systems dynamics literature and practices have many potential approaches for predictive assessments [redacted]

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[redacted] Change-agent methodologies have application here for analysis too. Ed Roberts at MIT is a solid citizen on this and can show many concrete applications. OTR/CIA has a program which is doing these things now on concrete intelligence issues (subsidized by ORD/DD/S & T.) The point is that I believe [redacted] properly supervised, might do a constructive sampling job with [redacted] (who has preliminary papers prepared) and this can be done before a formal inventory call is made.

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2. In any event, the work I suggest can be additive to what we know is going on already at ARPA. They should be able to take the

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list of methodologies offered and do as Jack's paper suggests -- organize and design a schematic of known candidate methodologies to known problems. If this is done, they should enlist the help of [] who is already way ahead on this inventory with ORD/CIA and is tied in with the people at ARPA and RAND as well.

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3. To Jack's point on a classified journal - As you know, the Intelligence Studies series has contained pieces on methodology specifically related to cases. Readership is good. The military journals cut in a lot, too. Perhaps a specialized edition is in order. Certainly [] product, if pursued, should be the subject for a symposium inside the building (DIA/CIA). Perhaps this can be a step toward Jack's proposal to "taxonomize".

NOTE: My remarks are largely responsive to a method or approach. They do not debate the initial assumptions of Jack's paper which appear sound but perhaps need a bit more precision by way of clarification. That, too, would provide a worthwhile exchange inside our own staff.

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(Prepared by [] but typed in his absence)

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